

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/002552

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>8</sup>: **H04B 7/26** (2006.01); **H04Q 7/38** (2006.01); **H04B 7/216** (2006.01)  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC<sup>8</sup>: H04B, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI, EPODOC, XPI3E

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2001/037453 A1 (MOTOROLA, INC.) 25 May 2001 (25.05.2001) <i>abstract, figure 2, page 7, line 9 - page 8, line 17.</i>	1-86
A	EP 0 828 355 A2 (NOKIA MOBILE PHONES LTD.) 11 March 1998 (11.03.1998) <i>abstract, figures 1, 3, column 6, line 40 - column 7, line 8.</i>	1-86
P,X	3GPP2: "Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems, Release D" 3GPP2 C.S0005-D, Version 1.0, [online] February 2004 [retrieved on 25 January 2006 (25.01.2006) ]. Retrieved from the Internet <URL: <a href="http://www.3gpp2.org/Public_html/specs/C.S0005-D_v1.0_L3_031504.pdf">http://www.3gpp2.org/Public_html/specs/C.S0005-D_v1.0_L3_031504.pdf</a> >. <i>section 2.6.13.10.1, page 2-669.</i>	1-5, 9, 11-13, 21-26, 35-41, 79, 80

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
25 January 2006 (25.01.2006)

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7 February 2006 (07.02.2006)

Name and mailing address of the ISA/ AT  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.  
PCT/KR 2004/002552

Patent document cited in search report			Publication date		Patent family member(s)	Publication date
3G	A	PP2: "UPPERLAY ER			none	
EP	A	828355			JP A 10107770	1998-04-24
					CN A 1181667	1998-05-13
					BR A 9703778	1998-11-10
					EP A2 0828355	1998-03-11
					DE T2 69728615T	2005-04-21
					DE D1 69728615D	2004-05-19
WO	A	2001037453			none	